

Apph. No. 10/667,650
Amny. Dckt. No. 14846-23

Amendments to the Claims:

The following listing of claims replaces all prior versions, and listings, of claims in the present application.

Listing of the Claims:

1. (currently amended) A method for representing a relational database table as a object in an object-oriented operating system comprising:

providing a reference to a primary key having a one-to-one mapping to a table entry in said relational database;

overloading the load method in the object-oriented operating system to load a latest instance of a table entry; and

overloading a save method in the object-oriented operating system to save an instance of a table entry; and

overloading a remove method in the object-oriented operating system to remove an instance of a table entry;

wherein overloading a remove method in the object-oriented operating system removes itself and any child instances;

wherein overloading a save method in the object-oriented operating system saves itself and any child instances; and

wherein overloading a load method in the object-oriented operating system loads itself and any child instances;

2. (canceled)

3. (canceled)

4. (canceled)

5. (canceled)

6. (original) A method in accordance with claim 1 further comprising:
defining meta data relationship classes to define the relationship between a database type and its equivalent object-oriented data type.

7. (original) A method in accordance with claim 1 further comprising:

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providing a read data reference to convert data types from object-oriented data types to relational database data types.

8. (original) A method in accordance with claim 1 further comprising:
providing a write data reference to map data from object-oriented data to relational database data.

9. (original) A method in accordance with claim 1 further comprising:
providing a read type converter reference to convert data types from relational database data types to object-oriented data types.

10. (original) A method in accordance with claim 1 further comprising:
providing a value added write data reference to convert data from relational database data to object-oriented data.

11. (original) A method in accordance with claim 1 further comprising:
automatically generating Java code from a data source.

12. (original) A method in accordance with claim 1 further comprising:
automatically generating Java code from database meta data.

13. (original) A method in accordance with claim 1 further comprising:
automatically generating Java code from DDL.

14. (original) A method in accordance with claim 1 further comprising:
allowing vendor-specific SQL hints to be added to generated code to improve performance.

15. (original) A method in accordance with claim 1 wherein generated code is independent of a specific J2EE technology, database, external service and third-party products.

16. (original) A method in accordance with claim 1 further comprising:
allowing incremental loading.